

Title (en)  
METHOD FOR PRODUCTION OF ARTIFICIAL TEETH

Publication  
**EP 0270900 B1 19910605 (DE)**

Application  
**EP 87117253 A 19871124**

Priority  
DE 3642290 A 19861211

Abstract (en)  
[origin: US4933202A] In a process for improving the adhesion of plastics to metals in the production of dental prostheses, in which a silicon dioxide layer is applied to the metal surface and subsequently silanized and then the plastic and metal bonded together the improvement consisting essentially of, forming the silicon dioxide layer by (1) applying a silica sol or dispersion of very finely divided silica to the metal surface and (2) baking the sol or dispersion at a temperature of 100 DEG to 800 DEG C.

IPC 1-7  
**A61C 13/00**; **B05D 3/00**; **B05D 7/14**

IPC 8 full level  
**A61C 13/00** (2006.01); **A61K 6/06** (2006.01); **B05D 3/00** (2006.01); **B05D 3/10** (2006.01); **B05D 7/14** (2006.01)

CPC (source: EP US)  
**A61C 13/0003** (2013.01 - EP US); **A61K 6/16** (2020.01 - EP US); **A61K 6/17** (2020.01 - EP US); **A61K 6/20** (2020.01 - EP US); **A61K 6/84** (2020.01 - EP US); **A61K 6/871** (2020.01 - EP US); **B05D 3/102** (2013.01 - EP US)

Cited by  
EP0326097A3; DE102019202889A1

Designated contracting state (EPC)  
AT CH FR GB LI SE

DOCDB simple family (publication)  
**US 4933202 A 19900612**; AT E64112 T1 19910615; AU 601525 B2 19900913; AU 8208087 A 19880616; CA 1275552 C 19901030; DE 3642290 C1 19870702; EP 0270900 A2 19880615; EP 0270900 A3 19890322; EP 0270900 B1 19910605

DOCDB simple family (application)  
**US 29895289 A 19890119**; AT 87117253 T 19871124; AU 8208087 A 19871203; CA 553942 A 19871209; DE 3642290 A 19861211; EP 87117253 A 19871124